

Title (en)

Cell separation method using hydrophobic solid supports

Title (de)

Methode zur Zelltrennung mit Benutzung hydrophober fester Träger

Title (fr)

Méthode de séparation de cellules comprenant l'utilisation de supports solides hydrophobes

Publication

**EP 1712284 B1 20121010 (EN)**

Application

**EP 06007857 A 20060413**

Priority

- KR 20050031406 A 20050415
- KR 20050082442 A 20050905

Abstract (en)

[origin: EP1712284A1] Provided is a method of separating cells or viruses using a hydrophobic solid support, including contacting a solution containing cells or viruses with a hydrophobic solid support having a water contact angle between 70 and 90 degrees. By simply allowing cells or viruses to be adsorbed to a hydrophobic solid substrate, cells or viruses can be separated. Thus, the cell or virus separation efficiency can be rapidly and simply increased.

IPC 8 full level

**B01L 3/00** (2006.01)

CPC (source: EP US)

**B01L 3/502746** (2013.01 - EP US); **B01L 3/502753** (2013.01 - EP US); **B82Y 30/00** (2013.01 - EP US); **B82Y 40/00** (2013.01 - EP US); **C12M 47/02** (2013.01 - EP US); **B01L 2300/0681** (2013.01 - EP US); **B01L 2400/086** (2013.01 - EP US)

Cited by

EP1900807A3; EP1900807A2; US7919278B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1712284 A1 20061018**; **EP 1712284 B1 20121010**; JP 2006296427 A 20061102; US 2006234379 A1 20061019; US 2011151543 A1 20110623

DOCDB simple family (application)

**EP 06007857 A 20060413**; JP 2006113753 A 20060417; US 201113016262 A 20110128; US 40510606 A 20060417